

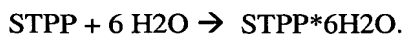
What is Claimed is:

1. A method for manufacturing an anhydrous organic solvent composition for use in automatic dishwashing, the steps of the method for manufacturing comprising:

- a) providing an effective amount of a hydratable builder selected from the group consisting of sodium tripolyphosphate (STPP), sodium citrate, and mixtures thereof;
- b) mixing said hydratable builder with an effective amount of water in a mixer to form a hydrated intermediate powder comprising hydrated builder, such that the phosphate, citrate, or mixture thereof in said hydrated intermediate powder is at least 30% hydrated by weight;
- c) providing an effective amount of an organic solvent system;
- d) mixing said hydrated intermediate powder and said organic solvent system together in a dispersion mill mix tank to reduce the particle size of the solids to between about 10 and about 70 microns as measured using a Hegman Gauge;
- e) providing and adding a water-soluble dye to said dispersion mill mix tank;
- f) providing and adding a thickener to said dispersion mill mix tank;
- g) recirculating the components in said dispersion mill mix tank until said thickener and dye are fully dispersed in said composition;
- h) allowing said composition to thicken; and
- i) pouring or dosing said thickened composition in a container;

wherein said composition is in the form of a liquid gel; and wherein the yield value of said composition has a range of from about 5 to about 35 Pa.

2. A method for manufacturing according to Claim 1, wherein said hydratable builder is sodium tripolyphosphate (STPP); and wherein said effective amount of water is calculated by the following formula:



3. A method for manufacturing according to Claim 2, wherein said phosphate in said hydrated intermediate powder is at least 75% hydrated by weight of said hydrated intermediate powder.

4. A method for manufacturing according to Claim 3, wherein said phosphate in said hydrated intermediate powder is at least 90% hydrated by weight of said hydrated intermediate powder.
5. A method for manufacturing according to Claim 1, wherein said hydrated intermediate powder comprises from about 7% to about 50% by weight of the total composition.
6. A method for manufacturing according to Claim 1, wherein said water-soluble dye comprises at least 0.0005% by weight of the total composition, and wherein said water-soluble dye is selected from the group consisting of azo dye, stilbene dye, phthalocyanine dye, triphenodioxazine dye, formazan dye, anthraquinone dye, and mixtures thereof;
7. A method for manufacturing according to Claim 6, wherein said organic solvent system comprises from about 20% to about 70% by weight of the total composition.
8. A method for manufacturing according to Claim 1 wherein said organic solvent system is selected from:
 - a) polar, hydrogen-bonding solvents having a Hansen solubility parameter of at least 20 (Mpa)^{1/2}, a polarity parameter of at least 7 (Mpa)^{1/2}, preferably at least 12 (Mpa)^{1/2} and a hydrogen bonding parameter of at least 10 (Mpa)^{1/2};
 - b) polar non-hydrogen bonding solvents having a Hansen solubility parameter parameter of at least 20 (Mpa)^{1/2}, a polarity parameter of at least 7 (Mpa)^{1/2}, preferably at least 12 (Mpa)^{1/2} and a hydrogen bonding parameter of less than 10 (Mpa)^{1/2};
 - c) amphiphilic solvents having a Hansen solubility parameter below 20 (Mpa)^{1/2}, a polarity parameter of at least 7 (Mpa)^{1/2} and a hydrogen bonding parameter of at least 10 (Mpa)^{1/2};
 - d) non-polar solvents having a polarity parameter below 7 (Mpa)^{1/2} and a hydrogen bonding parameter below 10 (Mpa)^{1/2}; and
 - e) mixtures thereof.
9. A method for manufacturing according to Claim 1 wherein said organic solvent system is selected from the group consisting of glycols and glycol derivatives, glycol ethers, glycol esters, and mixtures thereof.

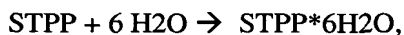
10. A method for manufacturing according to Claim 9 wherein said glycol is dipropylene glycol.
11. A method for manufacturing according to Claim 1, wherein said thickener comprises from about 0.1% to about 0.7% by weight of the total composition, wherein said thickener is selected from the group consisting of inorganic clay, natural gum, cellulosic type thickeners, and mixtures thereof.
12. A method for manufacturing according to Claim 1, wherein said method for manufacturing further comprises the steps of providing from about 0% to about 30% by weight of a surfactant prior to step (d) and then mixing said components of step (d) with said surfactant, wherein said surfactant is selected from the group consisting of anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, ampholytic surfactants, zwitterionic surfactants, and mixtures thereof.
13. A method for manufacturing according to Claim 12, wherein said surfactant is amine oxide.
14. A method for manufacturing according to Claim 1, wherein said method for manufacturing further comprises the steps of providing and adding an effective amount of an adjunct ingredient prior to step (d), wherein said adjunct ingredient is selected from the group consisting of a source of alkalinity, enzyme, co-surfactant, perfume, bleach, bleach catalyst, anti-oxidant, free radical inhibitors, wetting agent, polymers, soil release agents, anti-filming agents, anti-spotting agents, antiredeposition agent, suds suppressors, hydrotropes, germicides, fungicides, color speckles, bleach scavengers, dishcare agents, and mixtures thereof.
15. A method for manufacturing according to Claim 1, wherein said container comprises a member selected from the group consisting of bottles, paste dispensers, capsules, multi-compartment bottles, multi-compartment capsules, and single- and multi-compartment water-soluble pouches, and combinations thereof.

16. A method for manufacturing according to Claim 15, wherein said container is a water-soluble pouch selected from the group consisting of said single-compartment pouch, multi-compartment water-soluble pouch, and combinations thereof.

17. A method for manufacturing an organic solvent composition for use in automatic dishwashing, the order of addition for said method for manufacturing comprising the steps of:

- a) providing an effective amount of sodium tripolyphosphate (STPP);
- b) mixing said STPP and water in a mixer to form a hydrated intermediate powder comprising $\text{STPP} \cdot 6\text{H}_2\text{O}$ such that the phosphate in said hydrated intermediate powder is at least 30% hydrated by weight;
- c) providing an effective amount of said hydrated intermediate powder;
- d) providing an effective amount of at least one organic solvent;
- e) mixing said component(s) of step (d) in a mix tank to form said organic solvent system;
- f) optionally, providing and adding an effective amount of an adjunct ingredient;
- g) adding said hydrated intermediate powder and said optional adjunct ingredients to said organic solvent system together in a dispersion mill mix tank for mixing;
- h) recirculating the components in said dispersion mix tank through a mill until the particle size of all the solids has been reduced to between about 10 and about 70 microns as measured using a Hegman Gauge;
- i) providing and adding an effective amount of a water-soluble dye selected from the group consisting of azo dye, stilbene dye, phthalocyanine dye, triphenodioxazine dye, formazan dye, anthraquinone dye, and mixtures thereof;
- j) providing and adding an effective amount of a thickener to said components once said particle size of said solids have been reduced;
- k) mixing and recirculating said components until said thickener and said water-soluble dye is fully dispersed;
- l) allowing said composition to thicken;
- m) stopping the recirculation of said dispersion mill;
- n) optionally measuring the yield value of a sample of said anhydrous organic solvent composition to ensure that the yield value of said anhydrous organic solvent composition has a range of from about 10 to about 20 Pa; and
- o) pouring or dosing said composition in a container;

wherein said effective amount of water is calculated by the following formula:



and wherein said composition is in the form of a liquid gel.

18. A method for manufacturing according to Claim 17, wherein said organic solvent system is selected from the group consisting of glycols and glycol derivatives, glycol ethers, glycol esters, and mixtures thereof.

19. A method for manufacturing according to Claim 17, further comprising an adjunct ingredient selected from the group consisting of a source of alkalinity, enzyme, surfactant, co-surfactant, perfume, bleaching system, bleach activator, bleach catalyst, anti-oxidant, free radical inhibitors, wetting agent, polymers, soil release agents, anti-filming agents, anti-spotting agents, antiredeposition agent, suds suppressors, hydrotropes, germicides, fungicides, color speckles, bleach scavengers, dishcare agents, and mixtures thereof

20. A method for manufacturing according to Claim 19, wherein said surfactant is selected from the group consisting of anionic surfactants, cationic surfactants, nonionic surfactants, amphoteric surfactants, ampholytic surfactants, zwitterionic surfactants, and mixtures thereof.